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end
37. (New) The sensor assembly of claim 35, further comprising a third strain gage and a fourth strain gage connected to the first and second strain gages to form a Wheatstone bridge.
38. (New) The sensor assembly of claim 34, wherein the first and second diaphragms are arranged such that the force is transmitted from the boss of the first diaphragm to the central island of the second diaphragm.
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REMARKS


Claims 29 and 30 are now cancelled. New Claims 31-38 have been added to more clearly define the invention. No new matter is being introduced. Acceptance is respectfully requested.

CONCLUSION

If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned attorney at (978) 341-0036.

Respectfully submitted,

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